

ABSTRACT OF THE DISCLOSURE

An apparatus for printing images from digital image data onto a light sensitive medium disposed at an image plane which comprises a control logic processor capable of controlling the operation of the apparatus for printing
5 based on the digital image data. An image forming assembly directs an exposure beam to the light sensitive medium disposed at the image plane. The image forming assembly (10) comprises a light source, a first lens assembly (41), a beamsplitter (50), a spatial light modulator (52), a temperature profile control apparatus (51) and a second lens assembly (132).